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[Bonnie A. Nardi, James R. Miller, David J. Wright](#)

March 1998 Communications of the ACM , Volume 41 Issue 3

Publisher: ACM

Full text available: [Pdf](#) (202.42 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

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2 [Specification and dialogue control of visual interaction through visual rewriting systems](#)

[P. Bottoni, M. F. Costabile, P. Mussio](#)

November 1999 Transactions on Programming Languages and Systems (TOPLAS) , Volume 21 Issue 6

Publisher: ACM

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Computers are increasingly being seen not only as computing tools but more so as communication tools, thus placing special emphasis on human-computer interaction (HCI). In this article, the focus is on visual HCI, where the messages exchanged between ...

Keywords: control automaton, dialogue control, visual languages

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[John Viega](#), [Tadayoshi Kohno](#), [Bruce Pötter](#)

February Communications of the ACM , Volume 44 Issue 2
2001

Publisher: ACM

Additional Information: [full citation](#),

Full text available: [Html](#) (33.48 KB), [Pdf](#) (91.25 KB)

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4 [WebQuilt: A proxy-based approach to remote web usability testing](#)



July Transactions on Information Systems (TOIS) , Volume 19 Issue 3
2001

Publisher: ACM

Full text available: [Pdf](#) (2.89 MB)

Additional Information: [full citation, abstract, references, cited by,
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Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 136, Citation Count: 14

WebQuilt is a web logging and visualization system that helps web design teams run usability tests (both local and remote) and analyze the collected data.

Logging is done through a proxy, overcoming many of the problems with server-side and client-side ...

Keywords: Usability evaluation, WebQuilt, log file analysis, web proxy, web visualization

5 [The C-ODA project: online access to electronic journals](#)



[Peter Kirstein](#), [Goli Montasser-Kohsari](#)

June 1996 Communications of the ACM , Volume 39 Issue 6

Publisher: ACM

Full text available: [Pdf](#) (1.24 MB)

Additional Information: [full citation, references, index terms, review](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 23, Citation Count: 0

6 [Writing Man Pages in HTML](#)

[Michael Hamilton](#)

March 1997 Linux Journal , Volume 1997 Issue 35es

Publisher: Specialized Systems Consultants, Inc.

Full text available: [Html](#) (29.94 KB)

Additional Information: [full citation, references, index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 14, Citation Count: 0

7 [Spreadsheets for images](#)



[Marc Levy](#)

July SIGGRAPH '94: Proceedings of the 21st annual conference on Computer graphics and interactive techniques

Publisher: ACM

Full text available: [Pdf](#) (1.75 MB), [Ps](#) (106.96 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 50, Citation Count: 16

We describe a data visualization system based on spreadsheets. Cells in our spreadsheet contain graphical objects such as images, volumes, or movies. Cells may also contain widgets such as buttons, sliders, or curve editors. Objects are displayed in ...

Keywords: data visualization, flow charts, spreadsheets, user interfaces, visual programming languages

8 [Xanalogical structure, needed now more than ever: parallel documents, deep links to content, deep versioning, and deep re-use](#)



[Theodor Holm Nelson](#)

December Computing Surveys (CSUR) , Volume 31 Issue 4es 1999

Publisher: ACM

Full text available: [Pdf](#) (787.72 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 127, Citation Count: 12

9 [Graphical definitions: expanding spreadsheet languages through direct manipulation and gestures](#)



[Margaret M. Burnett](#), [Herikimer J. Gottfried](#)

March Transactions on Computer-Human Interaction (TOCHI) , Volume 5 Issue 1 1998

Publisher: ACM

Full text available: [Pdf](#) (1.64 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 55, Citation Count: 12

In the past, attempts to extend the spreadsheet paradigm to support graphical objects, such as colored circles or user-defined graphical types, have led to approaches featuring either a direct way of creating objects graphically or ...


Keywords: direct manipulation, forms/3, gestures, programming by demonstration

10 [Simulation with GPSS/H](#)

[Robert C. Crain](#)

December 1998 WSC '98: Proceedings of the 30th conference on Winter simulation

Publisher: IEEE Computer Society Press

Full text available:  [Pdf](#) (60.19 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)



Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 16, Citation Count: 3

11 [Conceptual modeling through linguistic analysis using LIDA](#)

[Scott P. Overmyer](#), [Benoit Lavoie](#), [Owen Rambow](#)

July I CSE '01: Proceedings of the 23rd International Conference on Software Engineering


Publisher: IEEE Computer Society

Full text available:  [Publisher Site](#),  [Pdf](#) (308.20 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 52, Citation Count: 5


Despite the advantages that object technology can provide to the software development community and its customers, the fundamental problems associated with identifying objects, their attributes, and methods remain: it is a largely manual process driven ...

12 [Data integration using similarity joins and a word-based information representation language](#)

 [William W. Cohen](#)

July Transactions on Information Systems (TOIS), Volume 18 Issue 3 2000

Publisher: ACM

Full text available:  [Pdf](#) (312.80 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 128, Citation Count: 21


The integration of distributed, heterogeneous databases, such as those available on the World Wide Web, poses many problems. Herer we consider the problem of integrating data from sources that lack common object identifiers. A solution to this problem ...

13 [An evaluation of audio-centric CMU wearable computers](#)

[Asim Smailagic](#)

March 1999 Mobile Networks and Applications , Volume 4 Issue 1

Publisher: Kluwer Academic Publishers


Full text available:  Pdf (1.69 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 30, Citation Count: 3


Carnegie Mellon's Wearable Computers project is defining the future for not only computing technologies but also for the use of computers in daily activities. Fifteen generations of CMU's wearable computers are evolutionary steps in the quest for new ...

14 [Hypertext versus Boolean access to biomedical information: a comparison of effectiveness, efficiency, and user preferences](#)

 [Barbara M. Wildemuth](#), [Charles P. Friedman](#), [Stephen M. Downs](#)

June 1998 Transactions on Computer-Human Interaction (TOCHI) , Volume 5 Issue 2

Publisher: ACM

Full text available:  Pdf (378.56 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 61, Citation Count: 5

This study compared of two modes of access to a biomedical database, in terms of their effectiveness and efficiency in supporting clinical problem solving and in terms of user preferences. Boolean access, which allowed subjects to frame their queries ...


Keywords: domain knowledge, intellectual access, medical education, problem solving, usage effectiveness, usage efficiency, user preferences

15 [Interactive multi-pass programmable shading](#)

[Mark S. Peercy](#), [Marc Olano](#), [John Airey](#), [P. Jeffrey Ungar](#)

July 2000 SIGGRAPH '00: Proceedings of the 27th annual conference on Computer graphics and interactive techniques

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available:  Pdf (5.99 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 157, Citation Count: 47

Programmable shading is a common technique for production animation, but interactive programmable shading is not yet widely available. We support interactive programmable shading on virtually any 3D graphics hardware using a scene graph library on top ...

Keywords: OpenGL, graphics hardware, graphics systems, illumination, interactive rendering, languages, multi-pass rendering, non-realistic rendering, procedural shading, programmable shading, rendering, texture mapping, texture synthesis

16 [Achieving convergence, causality preservation, and intention preservation in real-time cooperative editing systems](#)



[Chengzhong Sun](#), [Xiaohua Jia](#), [Yanchun Zhang](#), [Yun Yang](#), [David Chen](#)

March 1998 Transactions on Computer-Human Interaction (TOCHI) , Volume 5 Issue 1

Publisher: ACM

Full text available: Pdf (273.05 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 129, Citation Count: 70

Real-time cooperative editing systems allow multiple users to view and edit the same text/graphic/image/multimedia document at the same time for multiple sites connected by communication networks. Consistency maintenance is one of the most significant ...

Keywords: REDUCE, causality preservation, computer-supported cooperative work, consistency maintenance, convergence, cooperative editing, groupware systems, intention preservation, operational transformation

17 [Automatically editing book reviews on the web](#)



[Koji Eguchi](#), [Shigeki Sugita](#)

November 2001 WIDM '01: Proceedings of the 3rd international workshop on Web information and data management

Publisher: ACM

Full text available: Pdf (892.76 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 14, Citation Count: 0

A large amount of book information lies scattered on the Web. It is written in non-standard forms, as is other Web information, and this imposes a heavy load on a user browsing search results. We propose an automatic editing method that assists users ...

18 [Integrating SHrIMP with the IBM websphere studio workbench](#)

[Derek Rayside](#), [Martin Litoiu](#), [Margaret Anne Storey](#), [Casey Best](#)

November 2001 CASCON '01: Proceedings of the 2001 conference of the Centre for Advanced Studies on Collaborative research

Publisher: IBM Press

Full text available: Pdf (857.49 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 18, Citation Count: 2

This paper provides an experience report for researchers who are interested in integrating their tools with the new IBM WebSphere Studio Workbench. The Workbench (open source at www.eclipse.org) provides an open framework for building integrated development ...

Keywords: MOF, XML, flow diagrams, integration, software engineering, software visualization, system modeling

19 [A system for automatic personalized tracking of scientific literature on the](#)



[Web](#)

[Kurt D. Bollacker](#), [Steve Lawrence](#), [C. Lee Giles](#)

August DL '99: Proceedings of the fourth ACM conference on Digital libraries 1999

Publisher: ACM

Full text available: [Pdf](#) (123.52 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 54, Citation Count: 19

Keywords: citation index, information filtering, knowledge representation, user profile

20 [Frameworks for component-based client/server computing](#)



[Scott M. Lewandowski](#)

March 1998 Computing Surveys (CSUR) , Volume 30 Issue 1

Publisher: ACM

Full text available: [Pdf](#) (243.81 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

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